
FY23 Water Fund Budget

As Introduced

By The

Finance Director &

Public Works Director

December 6, 2022

Town of Bar Harbor

FY 2023 Water Budget

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Memo

To: Town Councilors; Kevin Sutherland, Town Manager

From: Sarah Gilbert, Finance Director

CC: Bethany Leavitt, Public Works Director; Brady Anderson Interim Superintendent

Date: 12/6/2022

Re: Water Budget Message – FY2023 Water Budget

Summary

This FY2023 budget for the Bar Harbor Water Division proposes the following changes from last year's 2022 budget:

- **No recommended change in the rates**
- **Gross capital expenditures projected at \$506,500, with no borrowing**
- **A 3.5% budgeted increase of anticipated revenues**
- **A 21.7% budgeted increase of operating expenses due to added services and increased cost of materials and supplies**

Revenues in FY23 are projected to be 3.5% higher than the FY22 budget and 4.5% higher than the projected FY22 results. Total operating expenses, including depreciation, over the 2022 budget are scheduled to increase by 21.7%. Capital spending is requested at \$506,500 covered by previously internally generated funds. The fiscal year just ending (FY22) projects an increase of cash of approximately \$204,740, primarily because of deferred capital spending. Next year, we are budgeting for \$242,158 in cash drawn down because of increased capital spending funded by cash reserves.

Major Highlights to the Budget

The Priority Infrastructure Project will begin early spring 2023. These upgrades may have an economic impact on both residents and businesses, so revenues and related variable expenses may be high or low depending on how this fully plays out. Revenues in the Commercial categories and the volume of chemicals used for water treatment may vary widely from the budget. Because of delayed capital construction, there is a healthy cash fund balance on hand at the fiscal year end. We have requested to the PUC for a rate increase in FY2024. Using the PUC rate case formula, shown elsewhere in this budget, that increase would be approximately 18.1%. A portion of a future rate increase would be due to there hasn't been an increase in the water rate structure for over six years, high inflation rates due to current economy, future bonding for Priority Infrastructure Improvements.

Town of Bar Harbor

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Statistical Infrastructure & Operational Data of the Water Division

There are 1854 metered customers, of which 74%, or 1372 accounts, are classified as Residential. 25% of these total metered customers as well as 20% of the related revenue volume are seasonal customers. All customers generally receive their bills quarterly. There are 113 customers related to non-metered sprinkler and private hydrant fire protection.

Investment in plant and infrastructure totals increased by \$9 million since the Town purchased the Water Company in 2001. The water *mains* in its service areas total 29.3 miles with distribution pipe sized from 1” to 16”. Since 2001 the Division has invested in 9.4 miles of new mains while retiring 7.7 miles. Design capacity is approximately 2400 gallons per minute. 365 million gallons are sent through the transmission mains annually with about 20% unaccounted for; down from over 25% ten years ago. Jackson Lab represents 27% of the total measured volume for the division and can run as high as 45% of the volume in the Winter quarter. The Lab generates 8% of the Water Division’s total revenues and 12.2%, of the metered revenues in 2022. The Jax Lab has been keeping close to their estimates of water usage (stable use, despite the Ellsworth facility coming on line). Management/Accounting administrative fees charged by the Town to the Water Division have remained relatively stable since 2001, this fiscal year will include engineering, survey and asset management service associated with the Infrastructure improvements. The Water utility also pays the Town’s General Fund (CIP) for 1/3 of the Public Works facility debt service costs for the use of the facility. The latest 2021 annual filing with the *Public Utilities Commission* provides additional detail operating data and is located on the State PUC website as well as on the Town website under the Water Division of Public Works.

Current Water Rates & Average Customer Bill

- A minimum quarterly bill currently under this budget allowing 1200 cubic feet through a 5/8” meter of \$76.17 per quarter will remain at that level. Bar Harbor’s typical quarterly average household charge for 2000 cubic feet currently is \$111.53, still well below the average rate of \$144.88 for 15 selected comparable communities. As a comparison, the Town’s sewer customers pay quarterly fees for *wastewater* usage of \$47.70 (for a minimum-allowing 600 cuft usage) and \$159.00 (2000 cu ft- for a small family). The FY23 Wastewater budget has a proposed increase of 18% in rates.
- *USDA-Rural Development*, the federal organization that provides grant and loan funds for qualifying utilities, has used a 2000 cubic feet per quarter standard to compare usage for a typical family household among all the utilities. At the current rates, 8000 cubic feet in annual water usage totals to \$446 per annum for a family of four in Bar Harbor or \$37.18 per month. Refer to pages 23-24 for other water utility rate comparisons.

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Volume

This budget assumes an increase in volume of 2% from the FY 22 budget. The trend certainly has stabilized from the previous downtrends in the last few years, but the COV19 impact is perhaps only reflected as a moderate rebound at this point. Some categories do show an expected increase from FY22 estimates. For budgeting, we continue to assume little change in water volume from JaxLab as they expand the use of its Ellsworth production facility, but also new on site housing needs. Their last long term water use projections provided to the Town have shown generally level usage for the next few years.

Revenues

The 2023 budget assumes a 3.5% increase in gross revenue. A dry or wet season (volume usage) is typically the largest factor in our fluctuation of revenues along with Jackson Lab mice production fluctuation being another significant factor. The Town bills in advance, with the excess billed in arrears. The quarter to quarter comparisons from the prior year still are showing small increases but the budget does assume a conservative turnaround.

Operating Expenditures

The proposed FY2023 water budget reflects a 21.7% overall increase in operating expenses over the FY '22 budget year and a 19.5% increase over this past year's estimated final expenses. Payroll and benefits, in total, are anticipated to reflect an 46.5% increase. This is due to the added personnel needed for critical system maintenance. The Water staff joined the Teamsters union effective 7/1/22. Job descriptions were updated, staff cross trained for work in other Public Works positions, and wages increased an average of 11.7%. The Utilities Superintendent position shared with Wastewater, was eliminated for FY23

Major line item budget increases of \$1500 or more in projected cash expenses anticipated in FY2023 above last year's budget are as follows:

- Wages-#5105, new position and market/union wage increase
- Wages #5100, Full Time Superintendent
- Benefits-#...MPERS increase participation/ER cost
- Contractual Services-Town Mgmt #5306, Engineering, asset mgt, survey
- Contractual Services-Engineering #5326, Infrastructure Bond need
- Materials&Supplies-Flouride,#5425, Chemical price increase
- Materials&Supplies-CO2, #5426, increased pricing

What Were the Results of Actual FY22 Operating Expenses vs the FY22 Budget?

The Water Division's FY'22 projected actual operating expense results will end 0.02% over the target of its 2022 spending budget this year. FY'22 finished the year, pre audit, \$29,000 over budget estimates.

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Some of the major expense line items projected to exceed budget this year (FY22) include:

Supplies-C02 -#5426, PH buffering agent, higher usage and pricing

Repairs&Maint -#5628, #5650 for mains, services, replacements and repairs due to emergencies

Public Fire Protection (Hydrant Revenues)

Included in the budget revenue is the PUC mandated annual public fire protection amount authorized for the utility to charge the Town for its downtown fire protection. It was stated in prior budget hearings that it is formula driven, calculated by our rate case consultant in accordance with PUC standards in line with the State Statutes. A copy of that calculation is included in the Town's last rate case located on the Town website. The utility maintains 106 public hydrants in the downtown area out to Hulls Cove.

Public Fire Protection History - To provide public fire protection a utility generally must size its infrastructure 2 to 3 times larger. Variables within that formula include the estimated year round population as well as the total reported gallons pumped. However, the results do have an overall regulatory cap of 30% of total revenues that can be derived as public hydrant revenues—in Bar Harbor's situation, the last rate case determined that number to be \$585,604. This charge of \$585,604 to the Town's taxpayers is shown as an expense in the Town Budget and as revenue in this Water budget. These funds are used for the general operations of the Water Division, including debt service. All other revenues raised come from either specific user fees, or private fire protection (hydrants/sprinklers).

The Town in 2016 received an improved ISO (*Insurance Services Office*) rating, which over time may lower fire insurance premiums for home and business owners. The rating went from a 5/9 to a 4/4x rating which reflects the Town's continued measureable improvement in its fire department funding & operations (50% of the rating) and by its continued replacement of older mains and hydrants (40% of the rating), by measuring increasing peak flows towards a 3500 gpm target. These efforts contribute to improved fire response capability.

Annual Drinking Water Quality Report

This annual report by the Federal Safe Drinking Water Act is sent to all customers of the Water Division. There were no water quality violations in calendar 2021. Due to the continued exceptional water quality of our source, the surrounding protection of the watershed, the water system has a filtration waiver. Under the State's Safe Water Drinking Program, the water Division has both a type of chlorination and UV lighting to protect its supply. Lime and CO2 treatment are also added for both PH control as well as pipe corrosion control.

Town of Bar Harbor

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Debt Service

As of June 30, 2022, total principal in obligated debt for the water users stands at \$3,643,305, or approximately 22% of all direct debt obligations of the Town. In the FY2023 budget, the debt service is projected to be at \$396,000 or approximately 18.6% of the total annually revenues presently generated. Debt retired in FY2022 was the Underground water tank, 20 year note through Maine Bond Bank/SRF. All current debt is currently fully funded within the existing rate structure with interest rates ranging from 1.5% to 5%.

Future Debt—the 5 year CIP spending plan shows \$5,440,727 approved at June 7, 2022, Town Meeting for Water Projects over the next four years. The Town plans to borrow these funds in Spring of 2023 to implement the recommendations outlined in the Master Plan as well as replace one pump station. This may impact future rates by 8%. There are projects that were postponed a few years back , but with the Wastewater CSO capital costs, there will be synergies and cost saving to proceed with projects simultaneously.

Capital Outlay

The Town has invested \$9,146,077 (71% from bonds) on capital improvements since the purchase of the company in 2001. In fiscal year 2021/22 the Water division spent or committed \$32,200 for necessary capital investments. The proposed FY'23 capital budget requests \$506,500 and is funded by operating cash flow as well as cash reserves. The Priority Infrastructure bond spending planned for FY23 is \$2,000,000. The Water Division raises over \$200,000 per year available from its own cash flow for capital equipment and small project costs. In FY23 we anticipate drawing down much of the remaining available Fund Balance surplus to pay cash for the identified capital expenditures.

FY 2023 Capital Spending (CIP) Recap

Port.Genertr	\$ 12,500	---Replace older generator
Turbidimeter	\$ 12,000	---Replacement
Mains	\$360,000	---Replacements for Rodick, Glen Mary
Vehicle	\$97,000	---Replacement with Plow
Mains	\$25,000	---Replacement Up Island Summer Line
	<u>\$506,500</u>	Total FY23 CIP

Working Capital/Cash Flow

A common and simple method for measuring a minimum working capital formula for a utility that bills in advance is to use 3 months or 25% of annual operating expenses. This target calculates to approximately \$390,000 estimated requirement as of June 30, 2022. Since FY2010 the Division has been building up its own cash reserve. The cash balance at the end of this year is anticipated to be higher because of deferred capital spending. However, the proposed budget projections show that there will be a decrease of the cash reserves of \$242,158 in FY2023 due to spending for authorized construction projects that were previously deferred.

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Water Master Plan

The comprehensive Water Master Plan was completed in FY2019/20 to use as a continuing guide to assist in long term planning, avoiding surprises in both capital and operational aspects of maintaining the efficient running of the water facility and to give general direction for budgeting priorities. This includes maintaining the *filtration waiver*, which if not renewed, would be very expensive for the ratepayers. This latest Master Plan was completed by *Olver Associates* and heard by the Town Councilors in December, 2020.

Items reviewed by the Master Plan were subjects focused on identifying bottle necks of constricted flow in the distribution system, water storage needs, documenting weaknesses of the system, help design equipment replacements and upgrades and work with the Town's *Comprehensive Plan* to investigate likely expansion opportunities in designated growth areas to relieve stress on the private well water resources. The Master Plan suggested priorities, such as water storage facilities and specific main improvements projects that will require coordination with other department needs, such as Wastewater and Highway; and an inter-department project prioritization plan developed. This consolidated coordination allows funds from each department to be used wisely. Most of these Master Plan recommendations are not yet included in the budget process.

Town Council Action – The next step is for the Town Council to pass a motion to adopt the Water Budget and Ordinance, as proposed, (*or amended*) and schedule a public hearing on January ____,2023.

Water Budget Ordinance Amendment

Town of Bar Harbor

#2022-09

An Ordinance Amendment to Adopt the Fiscal Year 2023 Water Budget

The Town of Bar Harbor hereby ordains that Chapter 201, Water, of the Town Code is amended as follows:

[Please Note: Old language is ~~stricken~~. New language is underlined.]

Chapter 201, Water

ARTICLE III, Water Budget, Rates Fees and Charges

§ 201-11 Water budget.

A. Budget adopted. The fiscal year 2022-23 Water Budget, dated ~~July 26, 2021~~ December 6, 2022 is hereby adopted as published and summarized below.

- (1) Cash. Net cash draw down is estimated to be ~~\$602,679~~ \$204,740
- (2) Revenues.
 - (a) PUC regulated revenues are estimated to be ~~\$2,153,804~~ \$2,228,204.
 - (b) Total water revenues are estimated to be ~~\$2,176,804~~ \$2,246,204.
- (3) Expenses. The following appropriations are hereby approved:
 - (a) Nonoperating expenses: ~~\$4,400~~ \$6,800.
 - (b) Salaries and wages: ~~\$366,883~~ \$519,108.
 - (c) Payroll benefits: ~~\$180,100~~ \$208,261.
 - (d) Contractual services: ~~\$301,783~~ \$429,133.
 - (e) Materials and supplies: ~~\$125,100~~ \$177,700.
 - (f) Utilities and commodities: ~~\$64,200~~ \$68,700.
 - (g) Repairs and maintenance: ~~\$168,900~~ \$126,000.
 - (h) Equipment purchases: ~~\$39,600~~ \$7,600.
 - (i) Other: insurance, travel, advertising and miscellaneous: ~~\$47,700~~ \$46,250.
 - (j) Interest: ~~\$107,717~~ \$93,688.
 - (k) Depreciation and amortization: ~~\$326,691~~ \$326,691.
 - (l) Capital spending: ~~\$771,500~~ \$506,500.

[end of ordinance]

APY	BTY	ETY	RNY	RNY	RNY	RNY
Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	RNY	RNY	RNY
6/30/2021	6/30/2022	6/30/2022	6/30/2023	\$ Change	% Change	% Change
FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22

<i>Net Income Statement -</i>	<i>SUMMARY PAGE</i>
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Volume: ('000's cubic feet)	34,368	33,500	31,293	34,170	2.0%	9.2%	
Operating Revenues	\$ 2,099,804	\$ 2,153,804	\$ 2,131,334	\$ 2,228,204	\$ 74,400	3.5%	4.5%
Operating Expenses:							
Payroll & Benefits	\$ 482,811	\$ 496,561	\$ 522,402	\$ 727,369	\$ 230,808	46.5%	39.2%
Contractual Services	\$ 295,283	\$ 301,783	\$ 256,478	\$ 429,133	\$ 127,350	42.2%	67.3%
Materials & Supplies	\$ 123,700	\$ 125,100	\$ 175,695	\$ 177,700	\$ 52,600	42.0%	1.1%
Utilities & Commodities	\$ 64,000	\$ 64,200	\$ 66,703	\$ 68,700	\$ 4,500	7.0%	3.0%
Repairs & Maintenance	\$ 164,000	\$ 168,900	\$ 177,395	\$ 126,000	\$ (42,900)	-25.4%	-29.0%
Minor Equipment Purchases	\$ 18,500	\$ 39,600	\$ 9,664	\$ 7,600	\$ (32,000)	-80.8%	-21.4%
Other Miscellaneous Expenses	\$ 47,500	\$ 47,700	\$ 54,286	\$ 46,250	\$ (1,450)	-3.0%	-14.8%
Depreciation & Amortization	\$ 324,687	\$ 316,891	\$ 327,114	\$ 316,891	\$ -	0.0%	-3.1%
Utility Operating Expenses:	\$ 1,520,481	\$ 1,560,735	\$ 1,589,737	\$ 1,899,643	\$ 338,908	21.7%	19.5%
Net Utility Operating Income	\$ 579,323	\$ 593,069	\$ 541,597	\$ 328,561	\$ (264,508)	-44.6%	-39.3%
Interest Income	\$ 17,000	\$ 15,000	\$ 13,167	\$ 15,000	\$ -		
Non-Utility Income, net of expense	\$ 12,400	\$ 2,600	\$ 2,214	\$ -	\$ (7,400)		
Bond Refinancing Proceeds	\$ 53,492	\$ -	\$ -	\$ -	\$ -		
Interest Costs	\$ 123,460	\$ 123,460	\$ 74,665	\$ 93,688	\$ (29,772)		
NET INCOME	\$ 431,771	\$ 487,209	\$ 482,313	\$ 249,873	\$ (237,336)	-48.7%	-48.2%
Conversion to Cash Basis:							
Add back: Deprciation & Acqtn. Adjtmnt.	\$ 294,552	\$ 314,887	\$ 327,114	\$ 316,891			
Less: Principal Debt Retired	\$ (562,195)	\$ (593,072)	\$ (593,072)	\$ (302,422)			
Cash Available for C.I.P.	\$ 164,128	\$ 209,024	\$ 216,355	\$ 264,342			
Less: Capital Expenditures (From Internal Funds)	\$ (255,113)	\$ (570,000)	\$ (11,615)	\$ (506,500)			
Net Cash Generation (Drawdown)	\$ (90,985)	\$ (360,976)	\$ 204,740	\$ (242,158)			

	APY	BTY	ETY	RNY			
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	RNY	RNY	RNY
	6/30/2021	6/30/2022	6/30/2022	6/30/2023	\$ Change	% Change	% Change
	FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22

Revenues

4098	Revenues: Misc. Non Operational								
4600	Bond Refinancing Proceeds	\$ -	\$ -	\$ -	\$ -				
4924	Jobbing Income	\$ 8,000	\$ 8,000	\$ 2,214	\$ 3,000	\$ (5,000)			
4700	Investment Interest Income	\$ 17,000	\$ 15,000	\$ 13,167	\$ 15,000	\$ -			
4928	Nonutility Income- FA Sales	\$ -	\$ -	\$ -	\$ -	\$ -			
4930	Nonutility Inc-CSO Grant	\$ -	\$ -	\$ -	\$ -	\$ -			
	Other Income Total	\$ 25,000	\$ 23,000	\$ 15,381	\$ 18,000	\$ (5,000)	-22%	17.0%	
4098	PUC Regulated Revenues:								
4704	Penalty Interest Income	\$ 2,200	\$ 2,200	\$ 599	\$ 600	\$ (1,600)	-72.7%	0.2%	
4900	Metered Residential Sales-Qtrly	\$ 432,000	\$ 440,000	\$ 474,592	\$ 475,000	\$ 35,000	8.0%	0.1%	
4901	Metered Residential Sales-Seas.	\$ 129,000	\$ 130,000	\$ 91,331	\$ 130,000	\$ -	0.0%	42.3%	
4902	Metered Commercial Sales-Qtrly	\$ 341,000	\$ 349,000	\$ 374,261	\$ 384,500	\$ 35,500	10.2%	2.7%	
4903	Metered Commercial Sales-Seas.	\$ 234,000	\$ 250,000	\$ 216,931	\$ 247,000	\$ (3,000)	-1.2%	13.9%	
4904	Metered Indstrl Sales-Jax Lab-Qtrly	\$ 155,000	\$ 167,000	\$ 165,413	\$ 180,000	\$ 13,000	7.8%	8.8%	
4905	Metered Indstrl Sales-Jax Lab-Seas.	\$ 3,000	\$ 4,000	\$ 4,335	\$ 4,000	\$ -	0.0%	-7.7%	
4906	Metered Sales Government-Qtrly	\$ 42,000	\$ 43,000	\$ 37,648	\$ 38,000	\$ (5,000)	-11.6%	0.9%	
4907	Metered Sales Government-Seas.	\$ 33,000	\$ 33,000	\$ 23,312	\$ 23,500	\$ (9,500)	-28.8%	0.8%	
4920	Public Fire Protection/Hydrant -	\$ 585,604	\$ 585,604	\$ 585,604	\$ 585,604	\$ -	0.0%	0.0%	
4922	Private Fire Protection	\$ 133,000	\$ 140,000	\$ 149,887	\$ 150,000	\$ 10,000	7.1%	0.1%	
4938	Misc Water Fees	\$ 10,000	\$ 10,000	\$ 7,421	\$ 10,000	\$ -	0.0%	34.8%	
	Subtotal-PUC Regulated Revenues	\$ 2,099,804	\$ 2,153,804	\$ 2,131,334	\$ 2,228,204	\$ 74,400	3.5%	4.5%	
	Total Water Revenues	\$ 2,124,804	\$ 2,176,804	\$ 2,146,715	\$ 2,246,204	\$ 69,400	3.2%	4.6%	

	APY	BTY	ETY	RNY			
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	RNY	RNY	RNY
	6/30/2021	6/30/2022	6/30/2022	6/30/2023	\$ Change	% Change	% Change
	FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22

Expenses

4098	49 - NON OPERATING EXPENSES:								
6002	Amortization-Cont In Aid of Construction	\$ (9,800)	\$ (9,800)	\$ (9,844)	\$ (9,800)	\$ -			
6016	Loss of Disposal of Assets	\$ -	\$ -	\$ 1,760	\$ -	\$ -			
6018	L.T. Pension Liab Exp (PUC exp)	\$ -	\$ -	\$ -	\$ -	\$ -			
6020	Jobbing Supplies & Expenses	\$ 5,400	\$ 5,400	\$ 3,872	\$ 3,000	\$ (2,400)			
	Total Non Operating Expenses:	\$ (4,400)	\$ (4,400)	\$ (4,212)	\$ (6,800)	\$ (2,400)	54.5%	61.4%	
4098-	51 - WAGES:								
5100	Wages-Salaries	\$ 45,896	\$ 45,896	\$ 34,614	\$ 70,663	\$ 24,767	54.0%	104.1%	
5105	Wages-Hourly	\$ 221,423	\$ 221,423	\$ 254,925	\$ 392,704	\$ 171,281	77.4%	54.0%	
5110	Wages-Overtime	\$ 49,142	\$ 49,142	\$ 56,763	\$ 55,742	\$ 6,600	13.4%	-1.8%	
5165	Wages-Reclass to CIP	\$ -	\$ -	\$ -	\$ -	\$ -			
5175	Wages-Vacation Accruals			\$ 2,920					
	Total Salaries & Wages-Operations:	\$ 316,461	\$ 316,461	\$ 349,222	\$ 519,108	\$ 202,647	64.0%	48.6%	
4098-	52 - PAYROLL BENEFITS:								
5160	Benefits-ICMA Wages	\$ 3,400	\$ 3,700	\$ 1,748	\$ -	\$ (3,700)	-100.0%	-100.0%	
5162	Benefits-Health Ins Wage Stipend	\$ -	\$ -	\$ -	\$ -	\$ -			
5200	Benefits-FICA/Medicare	\$ 24,750	\$ 28,000	\$ 27,120	\$ 39,712	\$ 11,712	41.8%	46.4%	
5210	Benefits-MSRS Pension	\$ 24,500	\$ 25,800	\$ 31,093	\$ 52,949	\$ 27,149	105.2%	70.3%	
5215	Benefits-Workers Compensation	\$ 7,500	\$ 7,500	\$ 7,681	\$ 7,500	\$ -	0.0%	-2.4%	
5220	Benefits-Unemployment Compensation	\$ 1,800	\$ 1,700	\$ 1,571	\$ 1,700	\$ -	0.0%	8.2%	
5225	Benefits-Health Insurance	\$ 75,000	\$ 82,500	\$ 76,951	\$ 77,500	\$ (5,000)	-6.1%	0.7%	
5230	Benefits-Health Ins - Opt Out Program	\$ 17,000	\$ 18,000	\$ 18,053	\$ 18,000	\$ -	0.0%	-0.3%	
5245	Benefits-Retirement Health Savings Plan	\$ 900	\$ 900	\$ -	\$ 900	\$ -	0.0%	#DIV/0!	
5290	Benefits-Health Reimb. Account	\$ 11,500	\$ 12,000	\$ 8,963	\$ 10,000	\$ (2,000)	-16.7%	11.6%	
	Total PAYROLL BENEFITS:	\$ 166,350	\$ 180,100	\$ 173,180	\$ 208,261	\$ 28,161	15.6%	20.3%	

		APY	BTY	ETY	RNY	RNY	RNY	RNY
		Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	\$ Change	% Change	% Change
		6/30/2021	6/30/2022	6/30/2022	6/30/2023	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22
		FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget			
4098-	53 - CONTRACTUAL SERVICES:							
5304	Cont Srv-Auditing/Accounting	\$ 2,600	\$ 2,700	\$ 2,700	\$ 2,700	\$ -	0%	0%
5306	Cont Srv-BH Town Mgt Services	\$ 83,183	\$ 83,183	\$ 83,183	\$ 170,133	\$ 86,950	105%	105%
5312	Cont Srv-Duckbrook Septic Pumping	\$ 2,000	\$ 2,000	\$ 1,400	\$ 2,000	\$ -	0%	43%
5314	Cont Srv-Copier/Postage Equipment	\$ 1,900	\$ 2,400	\$ 3,797	\$ 4,000	\$ 1,600	67%	5%
5315	Cont Srv-Courier Services- Wtr Samples	\$ 7,800	\$ 8,000	\$ 7,155	\$ 8,000	\$ -	0%	12%
5326	Cont Srv-Engineering & Surveying	\$ 7,000	\$ 6,500	\$ 1,331	\$ 60,000	\$ 53,500	823%	4408%
5332	Cont Srv-Generator Maintenance	\$ 1,100	\$ 1,100	\$ 1,168	\$ 1,200	\$ 100	9%	3%
5334	Cont Srv-Gen Prof. Fees	\$ 1,600	\$ 2,000	\$ 4,741	\$ 5,000	\$ 3,000	150%	5%
5336	Cont Srv-Water Treatmnt C02 Tank	\$ 18,500	\$ 24,000	\$ 28,494	\$ 30,000	\$ 6,000	25%	5%
5340	Cont Srv-Legal Fees	\$ 1,000	\$ 1,000	\$ -	\$ 1,000	\$ -	0%	#DIV/0!
5348	Cont Srv-Mowing	\$ 1,500	\$ 1,300	\$ -	\$ 1,500	\$ 200	15%	#DIV/0!
5360	Cont Srv-Printing of Reports	\$ 700	\$ 700	\$ -	\$ 700	\$ -	0%	#DIV/0!
5362	Cont Srv-Hydrant Flow Testing	\$ 9,000	\$ 9,000	\$ -	\$ 9,000	\$ -		
5364	Cont Srv-Lease 1/3 PWrks Bldg	\$ 79,200	\$ 79,200	\$ 79,127	\$ 79,200	\$ -	0%	0%
5368	Cont Srv-Comp Lic & Suppt	\$ 22,000	\$ 22,000	\$ 13,802	\$ 22,000	\$ -	0%	59%
5372	Cont Srv-Standpipe/Intake Clean/Inspect's	\$ 17,500	\$ 18,000	\$ 8,157	\$ 21,000	\$ 3,000	0%	157%
5374	Cont Srv-Tank Paint Maint. Amort. (PUC exp)	\$ 27,000	\$ 27,000	\$ 13,597	\$ -	\$ (27,000)	0%	-100%
5378	Cont Srv-Test/Maint. of Equipment	\$ 2,700	\$ 2,700	\$ -	\$ 2,700	\$ -	-100%	#DIV/0!
5384	Cont Srv-Testing Water Samples	\$ 9,000	\$ 9,000	\$ 7,826	\$ 9,000	\$ -	0%	15%
	Total CONTRACTUAL SERVICES	\$ 295,283	\$ 301,783	\$ 256,478	\$ 429,133	\$ 127,350	42%	67.3%
4098	54 - MATERIALS & SUPPLIES:							
5410	Supplies-Clothing, Uniforms, Boots	\$ 4,200	\$ 4,200	\$ 7,770	\$ 9,000	\$ 4,800	114%	16%
5412	Supplies-Copier & Computers	\$ 1,900	\$ 1,900	\$ 1,371	\$ 2,000	\$ 100	5%	46%
5418	Supplies-Forms, Checks & Misc	\$ 1,000	\$ 1,000	\$ -	\$ 1,000	\$ -	0%	#DIV/0!
5423	Supplies-Ammonia	\$ 5,600	\$ 5,000	\$ 3,280	\$ 5,000	\$ -	0%	52%
5424	Supplies-Sod. Hypochlorite	\$ 33,000	\$ 31,000	\$ 24,842	\$ 31,000	\$ -	0%	25%
5425	Supplies-Flouride	\$ 8,000	\$ 7,000	\$ 3,797	\$ 12,000	\$ 5,000	71%	216%
5426	Supplies-CO2	\$ 23,000	\$ 27,000	\$ 40,012	\$ 60,000	\$ 33,000	122%	50%
5427	Supplies-Lime	\$ 10,000	\$ 10,000	\$ 7,169	\$ 10,000	\$ -	0%	39%
5428	Supplies-Water Treatment	\$ 13,500	\$ 13,500	\$ 19,637	\$ 25,000	\$ 11,500	85%	27%
5436	Supplies-Office	\$ 2,300	\$ 2,300	\$ 1,745	\$ 2,500	\$ 200	9%	43%
5438	Supplies-Operating	\$ 13,500	\$ 14,500	\$ 59,068	\$ 15,000	\$ 500	3%	-75%
5444	Supplies-Safety Supplies	\$ 2,600	\$ 2,600	\$ 1,033	\$ 3,200	\$ 600	23%	210%
5458	Supplies-Vehicle	\$ 5,100	\$ 5,100	\$ 5,971	\$ 2,000	\$ (3,100)	-61%	-67%
	Total MATERIAL & SUPPLIES:	\$ 123,700	\$ 125,100	\$ 175,695	\$ 177,700	\$ 52,600	42%	1%

		APY	BTY	ETY	RNY	RNY	RNY	RNY
		Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	\$ Change	% Change	% Change
		6/30/2021	6/30/2022	6/30/2022	6/30/2023	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22
		FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget			
4098	55 - UTILITIES & COMMODITIES:							
5504	Utility-Electricity	\$ 34,900	\$ 34,900	\$ 33,081	\$ 34,900	\$ -	0%	5%
5506	Utility-Electricity Pumping	\$ 3,000	\$ 3,000	\$ 2,213	\$ 3,000	\$ -	0%	36%
5514	Utility-Motor Fuel-Diesel	\$ 500	\$ 500	\$ 40	\$ 500	\$ -	0%	1150%
5516	Utility-Motor Fuel-Gasoline	\$ 11,500	\$ 11,500	\$ 15,838	\$ 16,000	\$ 4,500	39%	1%
5520	Utility-Propane	\$ 8,500	\$ 8,500	\$ 8,358	\$ 8,500	\$ -	0%	2%
5528	Utility-Telephone & Cellular	\$ 5,000	\$ 5,200	\$ 7,173	\$ 5,200	\$ -	0%	-28%
5530	Utility-Water	\$ 600	\$ 600	\$ -	\$ 600	\$ -	0%	#DIV/0!
	Total UTILITIES & COMMODITIES	\$ 64,000	\$ 64,200	\$ 66,703	\$ 68,700	\$ 4,500	7%	3%
4098	56 -REPAIRS & MAINTENANCE							
5602	Rep & Mt-Buildings	\$ 2,400	\$ 2,400	\$ 605	\$ 8,000	\$ 5,600	233%	1222%
5618	Rep & Mt-Equipment, Gen'l	\$ 2,500	\$ 2,500	\$ 877	\$ 2,500	\$ -	0%	185%
5626	Rep & Mt-Hydrants	\$ 7,500	\$ 7,500	\$ 6,526	\$ -	\$ (7,500)	-100%	-100%
5628	Rep & Mt-Mains	\$ 43,200	\$ 45,000	\$ 69,090	\$ 45,000	\$ -	0%	-35%
5630	Rep & Mt-Meters	\$ 64,000	\$ 64,000	\$ 25,556	\$ 30,000	\$ (34,000)	-53%	17%
5634	Rep & Mt-Plant & Wtr Treatmnt Equipmnt	\$ 14,500	\$ 15,000	\$ 10,423	\$ 15,000	\$ -	0%	44%
5642	Rep & Mt-Pumping Equipment	\$ 3,600	\$ 4,000	\$ 2,675	\$ 4,000	\$ -	0%	50%
5650	Rep & Mt-Services	\$ 19,500	\$ 21,000	\$ 49,940	\$ 14,000	\$ (7,000)	-33%	-72%
5652	Rep & Mt-Standpipes	\$ 800	\$ 1,200	\$ -	\$ 1,200	\$ -	0%	#DIV/0!
5658	Rep & Mt-Vehicles	\$ 6,000	\$ 6,300	\$ 11,703	\$ 6,300	\$ -	0%	-46%
	Total REPAIRS & MAINTENANCE	\$ 164,000	\$ 168,900	\$ 177,395	\$ 126,000	\$ (42,900)	-25%	-29%
4098	57 -EQUIPMENT PURCHASES							
5700	Equip Purch-Computers & Printers	\$ 6,300	\$ 4,600	\$ 5,770	\$ 5,000	\$ 400	9%	-13%
5702	Equip Purch-Office Furniture	\$ -	\$ -	\$ -	\$ 600	\$ 600		
5704	Equip Purch-Operating Equipment	\$ 12,200	\$ 35,000	\$ 3,894	\$ 2,000	\$ (33,000)	-94%	-49%
	Total EQUIPMENT PURCHASES	\$ 18,500	\$ 39,600	\$ 9,664	\$ 7,600	\$ (32,000)	-81%	-21%

		APY	BTY	ETY	RNY	RNY	RNY	RNY
		Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	\$ Change	% Change	% Change
		6/30/2021	6/30/2022	6/30/2022	6/30/2023	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22
		FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget			
4098	58 - OTHER-INS, TRVL, ADV, MISC:							
5800	Advertising	\$ 2,400	\$ 2,400	\$ 1,554	\$ 1,200	\$ (1,200)	-50%	-23%
5802	Uncollectible Customer Accts	\$ 500	\$ 500	\$ -	\$ 500	\$ -	0%	#DIV/0!
5808	Dues-Licenses & Other	\$ 4,500	\$ 4,500	\$ 4,599	\$ 6,000	\$ 1,500	33%	30%
5822	Insurance-General & Pub Off. Liab.	\$ 5,400	\$ 5,400	\$ 10,126	\$ 10,000	\$ 4,600	85%	-1%
5824	Insurance-Property & Casualty	\$ 6,250	\$ 6,250	\$ 8,574	\$ 6,250	\$ -	0%	-27%
5826	Insurance-Vehicle Coll./Liab.	\$ 5,250	\$ 5,250	\$ 12,252	\$ 6,500	\$ 1,250	24%	-47%
5832	Permits & Fees	\$ 600	\$ 600	\$ (1,228)	\$ 600	\$ -		-149%
5836	Postage & Shipping Costs	\$ 3,200	\$ 3,400	\$ 2,484	\$ 3,400	\$ -	0%	37%
5840	Regulatory Assessments	\$ 11,000	\$ 11,000	\$ 12,331	\$ 8,000	\$ (3,000)	-27%	-35%
5844	Training, Workshops, Etc.	\$ 2,500	\$ 2,500	\$ 3,153	\$ 2,500	\$ -	0%	-21%
5846	Travel, Rooms, Miles & Meals	\$ 2,400	\$ 2,400	\$ 441	\$ 1,300	\$ (1,100)	-46%	195%
6008	Rate Case Amortization	\$ 3,500	\$ 3,500	\$ -	\$ -	\$ (3,500)	-100%	#DIV/0!
	Total OTHER-INS, TRAVL, ADV, MISC	\$ 47,500	\$ 47,700	\$ 54,286	\$ 46,250	\$ (1,450)	-3%	-15%
4098	59 - UNCLASSIFIED							
5910	Debt Service-Interest	\$ 123,460	\$ 107,717	\$ 74,665	\$ 93,688	\$ (14,029)		
	Total DEBT SERVICE-INTEREST	\$ 123,460	\$ 107,717	\$ 74,665	\$ 93,688	\$ (14,029)	-13%	25%
4098	60 - DEPRECIATION & AMORT.:							
6000	Amortization-Acquisition Adjustment	\$ 70,124	\$ 70,124	\$ 70,124	\$ 70,124	\$ -		
6006	Amortization-Debt Expenses	\$ 723	\$ 723	\$ 560	\$ 723	\$ -		
6012	Depreciation-	\$ 244,000	\$ 246,000	\$ 256,000	\$ 246,000	\$ -		
6014	Depreciation-Cont In Aid of Construction	\$ 9,840	\$ 9,844	\$ 10,274	\$ 9,844	\$ -		
	Total DEPRECIATION & AMORTIZATION EXPS:	\$ 324,687	\$ 326,691	\$ 336,958	\$ 326,691	\$ -	0%	-3%

	APY	BTY	ETY	RYN			
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	RYN	RYN	RYN
	6/30/2021	6/30/2022	6/30/2022	6/30/2023	\$ Change	% Change	% Change
	FY21 Actual	FY22 Budget	FY22Estimate	FY23 Budget	vs. Bgt.'22	vs. Bgt.'22	vs. Est.'22
Capital Expenditures							
4098-	CAPITAL SPENDING						
6900	Update Master Plan	\$ 17,765	\$ -	\$ -	\$ -		
6900	Master Plan-Evaluate Eagle L Outlet Dam	\$ -	\$ -	\$ -	\$ -		
6904	Portable Generator & Repl. Pipe locator		\$ 12,500		\$ 12,500		
6906	Turbidimeter & Dist. Sample Station		\$ 12,000		\$ 12,000		
6908	Citizen Self Service/Asset Mgt software	\$ -	\$ -	\$ 4,502	\$ -		
6912	Purchase CO2 tank	\$ -	\$ 40,000	\$ -	\$ -		
6916	Demo Dreamwood Hill Tank	\$ 8,500	\$ -	\$ -	\$ -		
6914	Fiber Optic purchase	\$ -	\$ 20,000	\$ -	\$ -		
6916	Pumphouse-Paving lot	\$ 3,400	\$ -	\$ -	\$ -		
6918	Hydrants Replacements	\$ 23,949	\$ 10,000	\$ 6,922			
6922	Main Replacements-Rodick St.	\$ -	\$ 110,000	\$ -	\$ 110,000		
6923	Main Replacements-Shannon Rd	\$ -	\$ 250,000	\$ -			
6922	Main Replacements-Ash Place	\$ 7,381	\$ -	\$ 904	\$ -		
6922	Main -Hancock St	\$ -	\$ 230,000	\$ -	\$ -		
6922	Main - Livingston Rd	\$ -	\$ -	\$ -	\$ -		
6922	Main Replacements-Devon Rd	\$ 152,973	\$ -	\$ -	\$ -		
6922	Main - Ferry Term to Booster Sta	\$ -	\$ -	\$ -	\$ -		
6922	Main-Kennebec Place	\$ -	\$ 70,000	\$ -			
6922	Main-Up Island Summer line	\$ -	\$ -	\$ -	\$ 25,000		
6922	Main-Glen Mary Road				\$ 250,000		
6928	Service Replacements	\$ 16,652	\$ 10,000	\$ 365	\$ -		
6932	Vehicles-Pick up truck/Plow Blade	\$ 39,493	\$ 7,000	\$ -	\$ 97,000		
6950	CIP Reserve-	\$ -	\$ -	\$ -	\$ -		
	Totals-Gross Capital Spending	\$ 270,113	\$ 771,500	\$ 12,693	\$ 506,500		
	Less: CIAC-Serv	\$ -	\$ -	\$ (1,078)	\$ -		
	Less: CSO Grant	\$ (15,000)	\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -			
	Net Capital Spending (internal funds)	\$ 255,113	\$ 771,500	\$ 11,615	\$ 506,500		

List of Positions - Authorized Wages

A/c #	-base pay-	Present Rate @ 6-30-22	June '22 Base Wage	7/1/22 Union Rate or Hours 2080	FY23 Proposed Base Wages	Proposed FY22 Budget
5100	Superintendent -Salary-	\$ 45,896	\$ 66,040		\$ 70,663	\$ 70,663
	Distribution System Manager - JA	\$ 25.00	\$ 52,000	\$ 30.82	\$ 64,106	\$ 64,106
	Office Manager-NW	\$ 28.38	\$ 59,030	\$ 28.38	\$ 59,030	\$ 59,030
	Treatment System Manager-BL	\$ 24.90	\$ 51,792	\$ 31.13	\$ 64,750	\$ 64,750
	Water Maint. Worker-JC	\$ 21.58	\$ 44,886	\$ 27.97	\$ 58,178	\$ 58,178
	Water Maint. Worker-open (1/2)	\$ 22.87	\$ 47,570	\$ 26.70	\$ 27,768	\$ 27,768
	Water Maint. Worker-MF	\$ 22.00	\$ 45,760	\$ 26.95	\$ 56,056	\$ 56,056
	Water Maint. Worker-open (1/2)			\$ 26.70	\$ 27,768	\$ 55,536
	Wage Adjustments (for licenses)			\$ 3.50	\$ 7,280	\$ 7,280
					\$ -	\$ -
5105	Total wages-hourly		\$ 301,038		\$ 364,936	\$ 392,704
	Scheduled Overtime-Avg. OT rate (3)	\$ 36.82	\$ 27,231	832	\$ 31,246	\$ 31,246 (16 hrs/wk)
	Unscheduled Overtime-Avg. OT rate (3)	\$ 36.82	\$ 19,965	652	\$ 24,495	\$ 24,495
5110	Total wages-overtime		\$ 47,196		\$ 55,742	\$ 55,742
	Totals - Salaries & Wages		\$ 414,274		\$ 491,340	\$ 519,108
	Actual Unscheduled Overtime Hours - CY 2021			820		
	Actual Unscheduled Overtime Hours - CY 2020			461		
	Actual Unscheduled Overtime Hours - CY 2019			471		
	Actual Unscheduled Overtime Hours - CY 2018			857	652	

FY 2023
Water Budget
Year By Year Overview

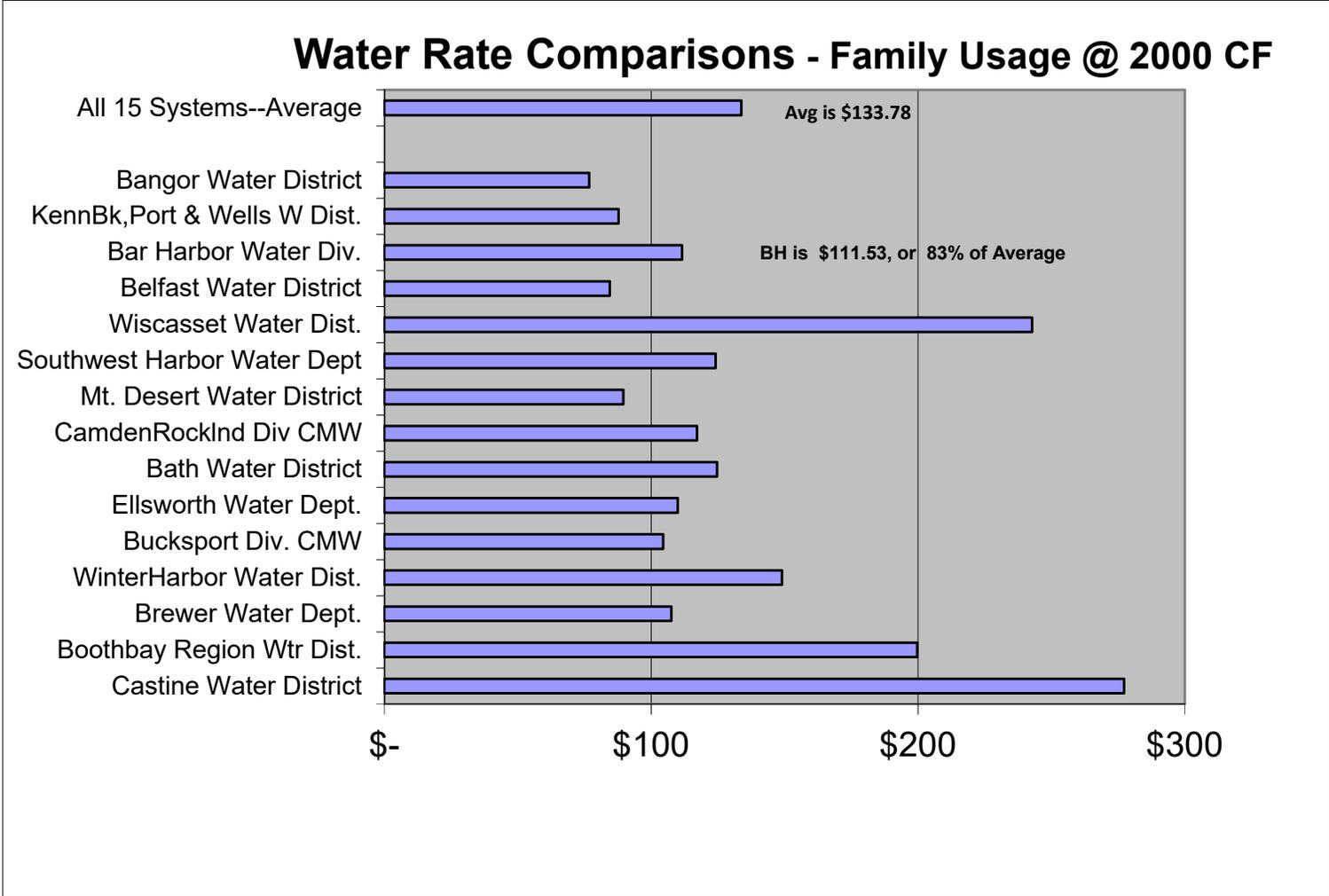
5 Year Capital Improvement Program

Acct. No.	Account Description	Age	Year One	Year Two	Year Three	Year Four	Year Five	Total
			FY23	FY24	FY25	FY26	FY27	Five Year
			Funding/Spending	Funding/Spending	Funding/Spending	Funding/Spending	Funding/Spending	Spending
Vehicles								
6932	94 Backhoe/Loader	1994	-					-
6932	GMC Sierra-pickup-2500	2021						-
6932	GMC Sierra Util Pickup-3500	2015	84,560					84,560
6932	GMC Sierra Supt Pickup-2500	2020						-
6932	GMC Sierra Pickup-2500	2019		37,000				37,000
6932	Chevy Silverado Pickup-2500 (PWKs)	2022	12,440					
6900	Master Plan-Eagle L Outlet Dam Evaluatn	Bond-Yr 2				5,000	100,000	105,000
6914	Regrade Jax Lab Tank Driveway							-
6916	Standpipe Coating-1936 Steel Tank				-	-	-	-
6916	Replace Mt Ave Pump Station		-	400,000				400,000
6916	Upgrades to Rose Eden Pump Station			50,000				50,000
Equipment								
6904	Portable Gen./Repl. Pipe Locator		12,500					12,500
6906	Turbidity Meter/Dist. Sample Station		12,000					12,000
6906	LeRoi Portable Air Compressor	1996		25,000				25,000
6914	Fiber Optic Connection			50,000				50,000
6912	Purchase CO2 Tank			40,000				40,000
Mains (Rep = replacement)								
6922	Ferry Terminal main to Booster Stat	New Bond	1,400,000	1,000,000				2,400,000
6922	Rep Atlantic Ave - 6" CI -1927- 510'	Work Cap					-	-
6922	Rep Des Isle Ave - 2" galv -1937 - 495'	Work Cap			200,000		-	200,000
6922	Rep Hancock St. - 6" - 1898 - 1800'	New Bond	230,000					230,000
6922	Rep Shannon Road - 1500' -12" from 10"	Work Cap			250,000			250,000
6922	Rep Rodick St. (West to Cottage)-470'	Work Cap	110,000					110,000
6922	Rep Kennebec Place - 350'	Work Cap				70,000		70,000
6922	Rep Livingston Road - 6" - 1912	Work Cap				40,000		40,000
6922	Rep Lower Main St. - 2050'	New Bond	370,000					370,000
6922	Rep Cottage St. - 400'	New Bond		300,000	150,000			450,000
6922	Rep Glen Mary Road - 1350'	Work Cap	250,000					250,000
6922	Rep Holland Ave - 1450'	Work Cap		190,000				190,000
6922	Rep - Unidentified locations (summer line	Work Cap	25,000			100,000	100,000	225,000
<i>Mains - subtotal</i>			2,385,000 #	1,490,000	-	100,000	100,000	2,385,000
6918	Hydrants-	New Bond	-	-	-	10,000	20,000	30,000
6928	Services -	New Bond	-	-	-	10,000	20,000	30,000
6950	CIP Reserve-Unallocated			-	18,000	10,000	20,000	48,000
Totals								
			2,506,500 #	2,092,000	618,000	245,000	260,000	5,709,060

Funded From:	Operations/Fund Balance	506,500	810,000	300,000	270,000	260,000	2,146,500
	New Bonds-/Other Grnts	2,000,000	-	850,000	-	-	2,850,000
		2,506,500	810,000	1,150,000	270,000	260,000	4,996,500

Calculation of Estimated Rate Increase	Base- Budget	Adjustments	Pro-Forma
Total Operating Expenses:			
Payroll & Benefits	\$ 727,369		\$ 727,369
Contractual Services	\$ 429,133		\$ 429,133
Materials & Supplies	\$ 177,700		\$ 177,700
Utilities & Commodities	\$ 68,700		\$ 68,700
Repairs & Maintenance	\$ 126,000		\$ 126,000
Minor Equipment Purchases	\$ 7,600		\$ 7,600
Other Miscellaneous Expenses	\$ 46,250		\$ 46,250
subtotal-cash expenses			\$ 1,582,752
Depreciation & Amortization	\$ 316,891	\$ (70,124)	\$ 246,767
Utility Operating Expenses:	\$ 1,899,643	\$ (70,124)	\$ 1,829,519
Debt Service: Interest	\$ 93,688		\$ 93,688
Principal	\$ 302,422	\$ -	\$ 302,422
Total Base Expenses for Rates	\$ 2,295,753	\$ (70,124)	\$ 2,225,629
Contingency Allowance: 5%		5%	\$ 111,281
Total Gross Revenue Required:			\$ 2,336,911
Revenues @ current rates:			\$ 2,243,204
Estimated Increase in Annual Revenues Required:			\$ 93,707
Estimated % Increase of rates required			4.2%

Town of Bar Harbor
2023 Water Budget



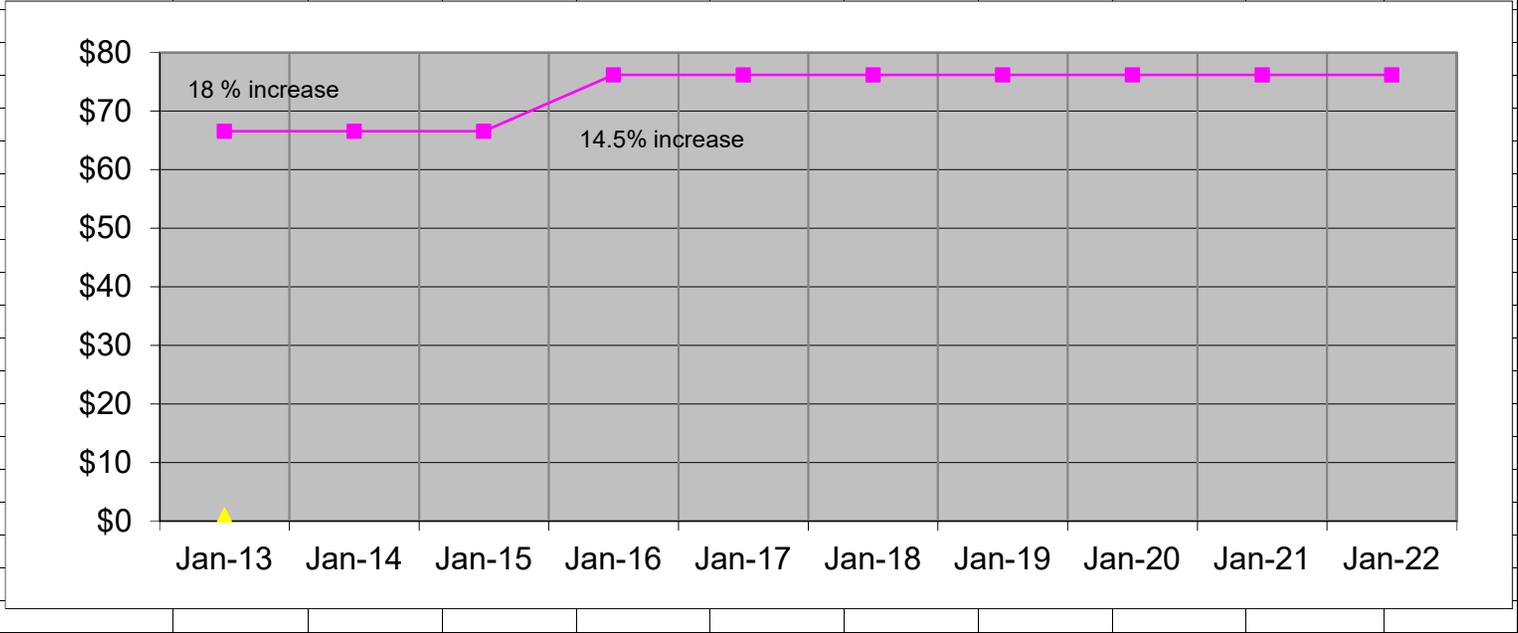
Water Rate Comparisons

(USDA std)

<i>Utility Name</i>	<i>Qtr Minimum 1200 CuFt</i>	<i>Qtr - Family 2000 CuFt</i>	<i>Rates Effective</i>	
Unfiltered Systems:				
Brewer Water Dept.		\$ 123.65	2021	
Mt. Desert Water District	\$ -	\$ 64.50	2021	(by fixtures/ann'l)
ME Water Co,-Camden	\$ -	\$ 149.72	2022	
Bar Harbor Water Div.	\$ 76.17	\$ 111.53	2016	
Bangor Water District		\$ 84.90	2022	
Average Billing		\$ 106.86		
BH Rate as a % of Avg. Rate			104%	
Filtered Systems:				
Castine Water District	\$ -	\$ 277.20	2017	
Boothbay Region Wtr Dist.	\$ -	\$ 199.70	2019	
WinterHarbor Water Dist.	\$ -	\$ 149.00	2019	
ME Water Co-Bucksport	\$ -	\$ 107.08	2021	
Ellsworth Water Dept.	\$ -	\$ 110.00	2008	Supported partially by taxes
Bath Water District	\$ -	\$ 232.92	2021	
Southwest Harbor Water Dept	\$ -	\$ 139.09	2020	
Wiscasset Water Dist.	\$ -	\$ 242.76	2018	
Belfast Water District	\$ -	\$ 84.48	2015	
KennBk,Port & Wells W Dist.	\$ -	\$ 96.65	2021	
Average Billing	\$ -	\$ 163.89		
BH Rate as a % of Avg. Rate			68%	
All Systems-Average		\$ 144.88		
BH Rate as a % of Avg. Rate			77%	

Town Of Bar Harbor
2023 Water Budget

History of Quarterly Minimum Water Charges										
Rate Increases by Town (on residential users)	18%			14.5%						
Effective Dates	1/1/13	1/1/14	1/1/15	1/1/16	1/1/17	1/1/18	1/1/19	1/1/20	1/1/21	1/1/2022
	<i>Duckbrook Plant</i>			<i>Rte #3 project</i>						
Water Minimum Charge	\$ 66.55	\$ 66.55	\$ 66.55	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17
Minimum Allowance	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
	<i>an average of 1.4% increase per year over the last eight years</i>									



TOWN OF BAR HARBOR WATER DIVISION
 BAR HARBOR, MAINE 04609

Sheet #1
 SIXTH Revision

SCHEDULE OF METERED RATES FOR ANNUAL CUSTOMERS

Quarterly Billing

First 1,200 Cubic Feet or less per Quarter	76.17
For the next 10,800 Cubic Feet per Quarter	4.42 per 100 cu. ft.
For the next 78,000 Cubic Feet per Quarter	2.07 per 100 cu. ft.
Over 90,000 Cubic Feet per Quarter	1.35 per 100 cu. ft.

Monthly Billing

First 400 Cubic Feet or less per Month	25.39
For the next 3,600 Cubic Feet per Month	4.42 per 100 cu. ft.
For the next 26,000 Cubic Feet per Month	2.07 per 100 cu. ft.
Over 30,000 Cubic Feet per Month	1.35 per 100 cu. ft.

Minimum Charge

SIZE OF METER	Quarterly		Monthly	
	Allowance	Charge	Allowance	Charge
5/8"	1,200	76.17	400	25.39
3/4"	1,800	102.69	600	34.23
1"	3,000	155.73	1,000	51.91
1-1/2"	6,000	288.33	2,000	96.11
2"	9,600	447.45	3,200	149.15
3"	18,000	677.72	6,000	225.91
4"	30,000	926.13	10,000	308.71
6"	60,000	1,547.13	20,000	515.71

Terms of Payment

The minimum charge for different sizes of meters will be billed monthly or quarterly in accordance with the water division's billing procedure.

Charges under these rates will be subject to the Maine Sales Tax where applicable and are due and payable when issued. Unpaid balances of accounts thirty (30) days or more past due will be charged interest at the rate set annually by the Public Utilities Commission of the State of Maine.

Issued: October 15, 2015
 Proposed Effective: January 1, 2016
 Effective:
 Docket No. 2015-00317


 Stephen W. Hammen
 Finance Director
 Bar Harbor Water Division

TOWN OF BAR HARBOR WATER DIVISION
 BAR HARBOR, MAINE 04609

Sheet #2
 SIXTH Revision

SCHEDULE OF METERED RATES FOR SEASONAL CUSTOMERS

Quarterly Billing

First 1,600 Cubic Feet or less per Quarter	201.63
For the next 10,400 Cubic Feet per Quarter	8.87 per 100 cu. ft.
For the next 78,000 Cubic Feet per Quarter	4.13 per 100 cu. ft.
For the next 300,000 Cubic Feet per Quarter	2.07 per 100 cu. ft.
Over 390,000 Cubic Feet per Quarter	1.58 per 100 cu. ft.

Minimum Charge

<u>SIZE OF METER</u>	Seasonal	
	<u>Allowance</u>	<u>Charge</u>
5/8"	1,600	201.63
3/4"	2,400	272.66
1"	4,000	414.73
1-1/2"	8,000	769.92
2"	12,800	1,158.19
3"	24,000	1,621.47
4"	40,000	2,283.28
6"	80,000	3,937.81

Terms of Payment

The minimum charge for different sizes of meters will be billed monthly or quarterly in accordance with the water division's billing procedure.

Charges under these rates will be subject to the Maine Sales Tax where applicable and are due and payable when issued. Unpaid balances of accounts thirty (30) days or more past due will be charged interest at the rate set annually by the Public Utilities Commission of the State of Maine.

Issued: October 15, 2015
 Proposed Effective: January 1, 2016
 Effective:
 Docket No. 2015-00317


 Stanley W. Harmon
 Finance Director
 Town of Bar Harbor Water Division

TOWN OF BAR HARBOR WATER DIVISION
BAR HARBOR, MAINE 04609

SHEET #3
SIXTH Revision

PUBLIC FIRE PROTECTION

AVAILABLE:

To the Town of Bar Harbor for Municipal Fire Protection

RATE:

The rate for existing hydrants as installed on the system at January 1, 2016,
shall have an annual charge of

\$585,602 Annually
\$146,401 Quarterly

Rate for hydrants installed after January 1, 2016, shall be determined
in accordance with the Public Utilities Commission Rules and Regulations
Chapter 69.

The hydrant rental charge shall not be reduced, should a Town order
one or more hydrants discontinued.

Issued: October 15, 2015
Proposed Effective: January 1, 2016
Effective:
Docket No. 2015 - 00317


Stanley W. Harmon
Finance Director
Town of Bar Harbor Water Division

TOWN OF BAR HARBOR WATER DIVISION
BAR HARBOR, MAINE 04609

SHEET # 4
SIXTH Revision

PRIVATE FIRE PROTECTION

AVAILABLE:

To customers using the Division's service for private fire protection the following rates apply to fire protection only and include no allowance of water for other than fire fighting purposes.

RATES:

Private fire service rates for automatic sprinklers, standpipes or hose connections to be used only for fire protection inside of buildings.

Annual service charge per inch of service pipe diameter.

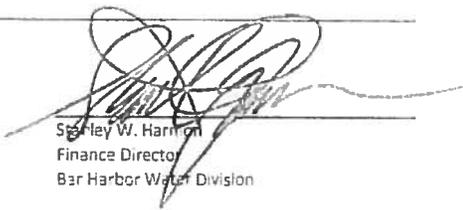
\$ 170

Annual service charge for each private hydrant with service connection furnished, installed and maintained by user for private fire protection.

\$ 1,362

Private protection is billable on April 1st

Issued: October 15, 2015
Proposed Effective: January 1, 2016
Effective:
Docket No. 2015 - 00317



Stanley W. Harrison
Finance Director
Bar Harbor Water Division

Debt Service

Bond Issue F

PUBLIC WORKS PROJECTS: FY10

#2184-6510

Original Principal = \$4,300,000 *	Lender:	Bank of New York Mellon
*Original Authorization = \$5,140,947, but reduced when CSO postponed.		
Orig. Issued: 5/1/10	Paying Agent:	Bank of New York Mellon
Interest Rate = 5.0%	Agent Fee:	None
Payment Split: CIP Fund = 86% Water Fund = 14%	Refinancing:	Done in May, 2020
Payment Dates: May 1 (principal and interest) & November 1 (interest only)		

Bond Issue F - Public Works Projects: FY10

#40-2765

*** WATER FUND SHARE ***

FY	Date	Interest Rate	Principal Payment	Interest Payment	Payment Total	Water Fund FY Total	FY
23	11/1/22	5.00%	0.00	5,215.13	5,215.13		
	5/1/23	5.00%	25,813.95	5,215.13	31,029.08	36,244.21	23
24	11/1/23	5.00%	0.00	4,569.78	4,569.78		
	5/1/24	5.00%	25,813.95	4,569.78	30,383.73	34,953.51	24
25	11/1/24	5.00%	0.00	3,924.43	3,924.43		
	5/1/25	5.00%	25,813.95	3,924.43	29,738.38	33,662.81	25
26	11/1/25	5.00%	0.00	3,279.08	3,279.08		
	5/1/26	5.00%	27,906.98	3,279.08	31,186.06	34,465.14	26
27	11/1/26	5.00%	0.00	2,581.40	2,581.40		
	5/1/27	5.00%	25,813.95	2,581.40	28,395.35	30,976.75	27
28	11/1/27	5.00%		1,936.05	1,936.05		
	5/1/28	5.00%	25,813.95	1,936.05	27,750.00	29,686.05	28
29	11/1/28	5.00%	0.00	1,290.70	1,290.70		
	5/1/29	5.00%	25,813.95	1,290.70	27,104.65	28,395.35	29
30	11/1/29	5.00%	0.00	645.35	645.35		
	5/1/30	5.00%	25,813.95	645.35	26,459.30	27,104.65	30
Total Water Fund Share			208,604.63	46,883.84	255,488.47	255,488.47	

Bond Issue I

4098-5910 int

WATER SYSTEM IMPROVEMENTS: 2012 - SRF

#40-2755

Duck Brook Water Pumping Station renovations, water treatment system improvements and main replacements. Financed by the Maine Drinking Water Program's State Revolving Loan Fund (SRF), using General Obligation (GO) notes, but is being repaid by the Water Fund from user fees.

Original Principal = \$2,662,957

Lender: Maine Municipal Bond Bank

Date of Issue: 10/1/2012

Cannont Refinance

Average Interest Rate = 1.5%

Payment Dates: October 1 (principal and interest) & April 1 (interest only)

<i>Fiscal Year</i>	<i>Date</i>	<i>Principal Payment</i>	<i>Interest Payment</i>	<i>Payment Total</i>	<i>Fiscal Year Total</i>
23	10/01/22	132,269.00	14,645.64	146,914.64	
	04/01/23	0.00	7,337.77	7,337.77	154,252.41
24	10/01/23	133,592.00	14,017.37	147,609.37	
	04/01/24	0.00	6,636.41	6,636.41	154,245.78
25	10/01/24	134,928.00	13,382.81	148,310.81	
	04/01/25	0.00	5,928.04	5,928.04	154,238.85
26	10/01/25	136,277.00	12,741.89	149,018.89	
	04/01/26	0.00	5,212.58	5,212.58	154,231.47
27	10/01/26	137,640.00	12,094.58	149,734.58	
	04/01/27	0.00	4,489.97	4,489.97	154,224.55
28	10/01/27	139,016.00	11,440.77	150,456.77	
	04/01/28	0.00	3,760.13	3,760.13	154,216.90
29	10/01/28	140,406.00	10,780.43	151,186.43	
	04/01/29	0.00	3,023.00	3,023.00	154,209.43
30	10/01/29	141,811.00	10,113.55	151,924.55	
	04/01/30	0.00	2,278.49	2,278.49	154,203.04
31	10/01/30	143,229.00	9,439.94	152,668.94	
	04/01/31	0.00	1,526.53	1,526.53	154,195.47
32	10/01/31	144,660.00	8,759.53	153,419.53	
	04/01/32	0.00	767.07	767.07	154,186.60
33	10/01/32	146,108.00	8,072.47	154,180.47	154,180.47
Totals		1,529,936.00	166,448.97	1,696,384.97	1,696,384.97

~~ Debt Service Continued on Next Page ~~

Bond Issue L
ROUTE #3 WATER MAINS: FY16

4098-5910 int
 #40-2740

Authorized by Town Meeting Vote @ 6/2/2015 , dated 9/10/2015
 Repaid by Water Rates

Principal =	\$ 1,700,000	Lender: Roosevelt & Cross, Inc. & Assoc.
Interest Rate =	3.30% Avg.	TIC: 2.49% after bond premium
Term in Years =	20	Refinance only after October 2025
		Paying Agent: US Bank St. Paul

<i>Fiscal Year</i>	<i>Due Date</i>	<i>Principal Payment</i>	<i>Interest Payment</i>	<i>Payment Total</i>	<i>Fiscal Year Total</i>	
23	10/15/22	85,000.00	20,612.50	105,612.50		4.0%
	04/15/23		18,912.50	18,912.50	124,525.00	
24	10/15/23	85,000.00	18,912.50	103,912.50		4.0%
	04/15/24		17,212.50	17,212.50	121,125.00	
25	10/15/24	85,000.00	17,212.50	102,212.50		4.0%
	04/15/25		15,512.50	15,512.50	117,725.00	
26	10/15/25	85,000.00	15,512.50	100,512.50		5.0%
	04/15/26		13,387.50	13,387.50	113,900.00	
27	10/15/26	85,000.00	13,387.50	98,387.50		5.0%
	04/15/27		11,262.50	11,262.50	109,650.00	
28	10/15/27	85,000.00	11,262.50	96,262.50		2.5%
	04/15/28		10,200.00	10,200.00	106,462.50	
29	10/15/28	85,000.00	10,200.00	95,200.00		3.0%
	04/15/29		8,925.00	8,925.00	104,125.00	
30	10/15/29	85,000.00	8,925.00	93,925.00		3.0%
	04/15/30		7,650.00	7,650.00	101,575.00	
31	10/15/30	85,000.00	7,650.00	92,650.00		3.0%
	04/15/31		6,375.00	6,375.00	99,025.00	
32	10/15/31	85,000.00	6,375.00	91,375.00		3.0%
	04/15/32		5,100.00	5,100.00	96,475.00	
33	10/15/32	85,000.00	5,100.00	90,100.00		3.0%
	04/15/33		3,825.00	3,825.00	93,925.00	
34	10/15/33	85,000.00	3,825.00	88,825.00		3.0%
	04/15/34		2,550.00	2,550.00	91,375.00	
35	10/15/34	85,000.00	2,550.00	87,550.00		3.0%
	04/15/35		1,275.00	1,275.00	88,825.00	
36	10/15/35	85,000.00	1,275.00	86,275.00		3.0%
					86,275.00	
		1,190,000.00	264,987.50	1,454,987.50	1,454,987.50	

Total Debt Retire 302,422